ECEN 326
Homework #1

Due: 09-18-2017, 5:00PM

Homeworks will not be received after due.
Instructor: Sam Palermo

Solve the following problems from the Razavi text:
5.3, 5.4, 5.7, 5.8, 5.13, 5.17, 5.26, 5.41, 5.55, 5.72, 5.82

In the above problems that require DC operating point calculations (5.7, 5.13, ...), assume that $V_{BE}=0.7V$ for the BJTs. Note, in some of the given problems, Razavi gives you an $I_S$ value and wants you to iterate and find a more exact $V_{BE}$. I don’t think that is worth your time, so again just use $V_{BE}=0.7V$. 